

**M E M O**



**County  
Administrator**

Robert W. Wilson  
701-241-5770  
wilsonro@casscountynd.gov

TO: Cass County Commission  
FROM: Robert Wilson  
DATE: November 11, 2019  
SUBJECT: Public Safety Radio Communications Change Orders

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Work on the Public Safety Radio Communications Project continues and is on schedule. However, there are several Change Orders that require Commission consideration at the meeting on November 18<sup>th</sup>. Brian Zastoupil from Red River Regional Dispatch is the County's Project Manager, He will describe the change orders and explain why they are needed and should be approved.

If you recall, you previously authorized the County Administrator to review and approve CO's up to \$10,000.

- CO#4- Repeater on 32nd Ave. Water Tower: equipment had to be mounted at a different location resulting in additional 400 ft. cable run & need for higher gage cable. Cost: \$5,095.71. Work completed.
- CO#5- Gardner Tower Location: Sandbags discovered during excavation to pour the footings. Remove about 18" - 2' of sand and replace with good fill. Cost \$10, 740.00. Work completed.
- CO#6- Buffalo site. 20 ft. of road section was included in original project scope. Exact location of tower wasn't specified. Additional 130 ft. of "road" needed. "Road" is a liner & 1 ft. of fill. This was an immediate need due to wet soils & contractor schedules. Cost: \$14,312.86. Work completed.

Mr. Zastoupil reports negotiating a combined reduction in cost of \$11,200 for the items above.

- CO#7- Grounding: The system of multiples wells, grounding rods and buried wires that, together, protect the towers from lightning strikes. Original project scope reused existing grounding systems. In three of the sites the existing grounding infrastructure required replacement. Cost: \$27,930. Work completed.

Unrelated to the Change Orders described above, the radio project includes "Civil Work" at Fargo City Hall scheduled for completion and invoicing in April, 2020. The work has been completed ahead of schedule at a cost of \$25,167.53.

PO Box 2806  
211 Ninth Street South  
Fargo, North Dakota 58108

Motorola will forego invoicing (no cost) CO#7 if Cass County will authorize payment for the "Civil Work" completed ahead of schedule at City Hall in addition to approving CO's #5 & #6. (County Administrator can approve CO #4 based on amount.)

[www.casscountynd.gov](http://www.casscountynd.gov)

SUGGESTED MOTION: Authorize payment for the "Civil Work" at Fargo City Hall to replace grounding infrastructure at no cost to Cass County; to approve Change Order No. 5 in the amount of \$10,740.00 for fill replacement at the Gardner tower location; and to approve Change Order No. 6 in the amount of \$14,312.86 for additional road needed at the Buffalo tower site.

## Worden, Heather

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**Subject:** ARMER Items  
**Attachments:** Cass County, ND, ARMER Site 1 Acceptance Milestone.pdf; Cass County External Shelter Gnd Ring.pdf

**From:** Brian Zastoupil <BZastoupil@RRRDC.com>  
**Sent:** Thursday, October 31, 2019 5:12 PM  
**To:** Worden, Heather <WordenH@casscountynd.gov>  
**Cc:** Wilson, Robert <WilsonRo@casscountynd.gov>; jim.brockhaus@motorolasolutions.com  
**Subject:** FW-Cass Cnty Update Call

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**CAUTION: EXTERNAL EMAIL**

Heather

Can you please add the attached to the next commission meeting agenda?

**From:** Jim Brockhaus [<mailto:jim.brockhaus@motorolasolutions.com>]  
**Sent:** Wednesday, October 16, 2019 4:41 PM  
**To:** Brian Zastoupil  
**Subject:** Cass Cnty Update Call

Brian,

Following are the items I would like to discuss with you on our call Thursday.

### **Civil Site 1 Acceptance Milestone**

**This is the final acceptance milestone for the City Hall site, refer to attached Cass County, ND, ARMER Site 1 Acceptance Milestone document.**

**I know from a civil work standpoint there was no work needed at this site. What I would like to discuss with you is moving forward with signing this milestone and in return cancel the Cass County External Shelter Gnd Ring quote. The invoice amount for the milestone is \$25,167.53. The amount of the quote for the external gnd rings for the 3 sites is \$27,930.00. The amount of the milestone does not cover the full amount on the quote but I will cover the \$2,762.47 to offset some of the PM expenses for CO 2 & 3.**

### CO 3 Buffalo Tower Foundation Acceptance Milestone

Per the CO payment schedule the CO is setup for the customer to be invoiced upon completion of services, refer to attached Change Order 03 Signed and Cass County, ND, ARMER CO 3 Acceptance Milestone documents.

Review attached Addt'l Gardner Excavation, Addt'l 32nd Ave Electrical and Buffalo Access Road documents.

Jim Brockhaus  
Project Manager  
Motorola Solutions, Inc.  
Office: 612-849-6872  
Email: [jim.brockhaus@motorolasolutions.com](mailto:jim.brockhaus@motorolasolutions.com)

*Your privacy is important to us. That is why we have taken appropriate measures to ensure the data you provide to us is kept secure. To learn more about how we process your personal information, how we comply with applicable data protection laws, and care for the security and privacy of your*



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**CASS COUNTY, ND, ARMER MIGRATION SITE 1 (CITY HALL)  
ACCEPTANCE  
CERTIFICATE OF TASK COMPLETION:**

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**PROJECT NAME:** CASS COUNTY, ND, ARMER MIGRATION  
**PROJECT NUMBER:** ND-18I101A

**DESCRIPTION OF WORK COMPLETED:**

Motorola Solutions and Cass County acknowledge that:

Motorola provide materials and services completing the civil work for Site 1 (City Hall). As such, Motorola and Cass County formally acknowledge completion of this Site 1 acceptance milestone. Per the contract payment schedule this is an invoice milestone for the amount of \$25,167.53.

\_\_\_\_\_  
Authorized Customer Signature

Robert Wilson  
\_\_\_\_\_  
Print Name

Administrator, Cass County  
\_\_\_\_\_  
Title Date

\_\_\_\_\_  
Authorized Motorola Signature

James Brockhaus  
\_\_\_\_\_  
Print Name

Motorola Project Manager  
\_\_\_\_\_  
Title Date

Buffalo Access Road Quote

Line #	Qty	APC	Nomenclature	Item Description	Unit Sale Price	Total Sale Price
1	1	306	Buffalo Access Road	Provide materials and services to increase the access road from 20 ft to 150 ft. Add'l clearing & grubbing of 130 ft Add'l grading of 130 ft Add'l gravel for 130 ft Trucking 6 loads of additional material for 130 ft Add'l CM time for installation of access road	\$14,312.86	\$14,312.86
<b>Total Sale Price</b>						<b>\$14,312.86</b>

Add'l Gardner Site Excavation Work Quote

Line #	Qty	APC	Nomenclature	Item Description	Unit Sale Price	Total Sale Price
1	1	306	Tower/Shelter Foundation	Provide materials and services to complete the tower/shelter foundations Add'l compound grading required to remove sandbags Add'l reforming/backfilling of foundations due to walls collaping during digging	\$10,740.00	\$10,740.00
				<b>Total Sale Price</b>		<b>\$10,740.00</b>



Cass County External Shelter Gnd Ring Quote

Line #	Qty	APC	Nomenclature	Item Description	Total Sale Price
1	1	306	External Shelter Gnd Ring	Supply/Install an external shelter gnd ring for the 32nd Ave WT site connecting shelter, fuel tank, generator and fence per R56.	\$9,947.14
2	1	306	External Shelter Gnd Ring	Supply/Install an external shelter gnd ring for the 64th Ave WT site connecting shelter, fuel tank, generator and fence per R56.	\$9,947.14
3	1	306	External Shelter Gnd Ring	Supply/Install an external shelter gnd ring for the Kindred site connecting shelter, fuel tank, generator and fence per R56.	\$8,035.71
				<b>Total Sale Price</b>	<b>\$27,930.00</b>